

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Aldalbert Bandemer, <i>et al.</i>
Serial No. - Pending	Filing Date: May 4, 2001
Title of Application	Emulator

Assistant Commissioner for Patents  
Washington, DC 20231

**Preliminary Amendment**

Dear Sir:

Please enter this preliminary amendment before examination of this case.

**In the Claims**

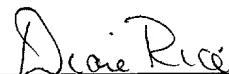
3. (Amended) System according to Claim 1 [or 2],  
distinguished in that the angle is approximately 22.5 degrees.

4. (Amended) System according to [one of Claims 1 to 3] Claim 1,  
distinguished in that the non-utilized input connector of the second polarization splitter/combiner element serves as an input connector for the signal, that this signal then runs through the delaying path and the first polarization beam divider in the opposite direction to the incoming signal, and that this signal is uncoupled at the fourth gate of the first polarization splitter/combiner element.

5. (Amended) System according to [one of Claims 1 to 4] Claim 1,  
distinguished in that the delaying path is activated optically or electrically.

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Diane Rice

8. (Amended) System according to [one of Claims 1 to 7] Claim 1,  
distinguished in that, for purposes of adjusting the angle, two PM fibers are spliced to-  
gether at an angle corresponding to the angle to be adjusted.

9. (Amended) System according to [one of Claims 1 to 7] Claim 1,  
distinguished in that, for purposes of adjusting the angle, optical slip rings and/or  
oblique-standing wave plates are installed.

10. (Amended) System according to [one of Claims 1 to 9] Claim 1,  
distinguished in that the polarization splitter/combiner elements are constructed as PBS  
cubes or as all-in-fiber elements.

11. (Amended) System according to [one of Claims 1 to 10] Claim 1, distinguished in that all light paths are polarization-receiving.

Replacement Claims Per § 1.121 (c) (3)

3. System according to Claim 1,  
distinguished in that the angle is approximately 22.5 degrees.
4. System according to Claim 1,  
distinguished in that the non-utilized input connector of the second polarization splitter/combiner element serves as an input connector for the signal, that this signal then runs through the delaying path and the first polarization beam divider in the opposite direction to the incoming signal, and that this signal is uncoupled at the fourth gate of the first polarization splitter/combiner element.
5. System according to Claim 1,  
distinguished in that the delaying path is activated optically or electrically.
8. System according to Claim 1,  
distinguished in that, for purposes of adjusting the angle, two PM fibers are spliced together at an angle corresponding to the angle to be adjusted.
9. System according to Claim 1,  
distinguished in that, for purposes of adjusting the angle, optical slip rings and/or oblique-standing wave plates are installed.
10. System according to Claim 1,  
distinguished in that the polarization splitter/combiner elements are constructed as PBS cubes or as all-in-fiber elements.

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11. System according to Claim 1,  
distinguished in that all light paths are polarization-receiving.

Respectfully submitted,



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